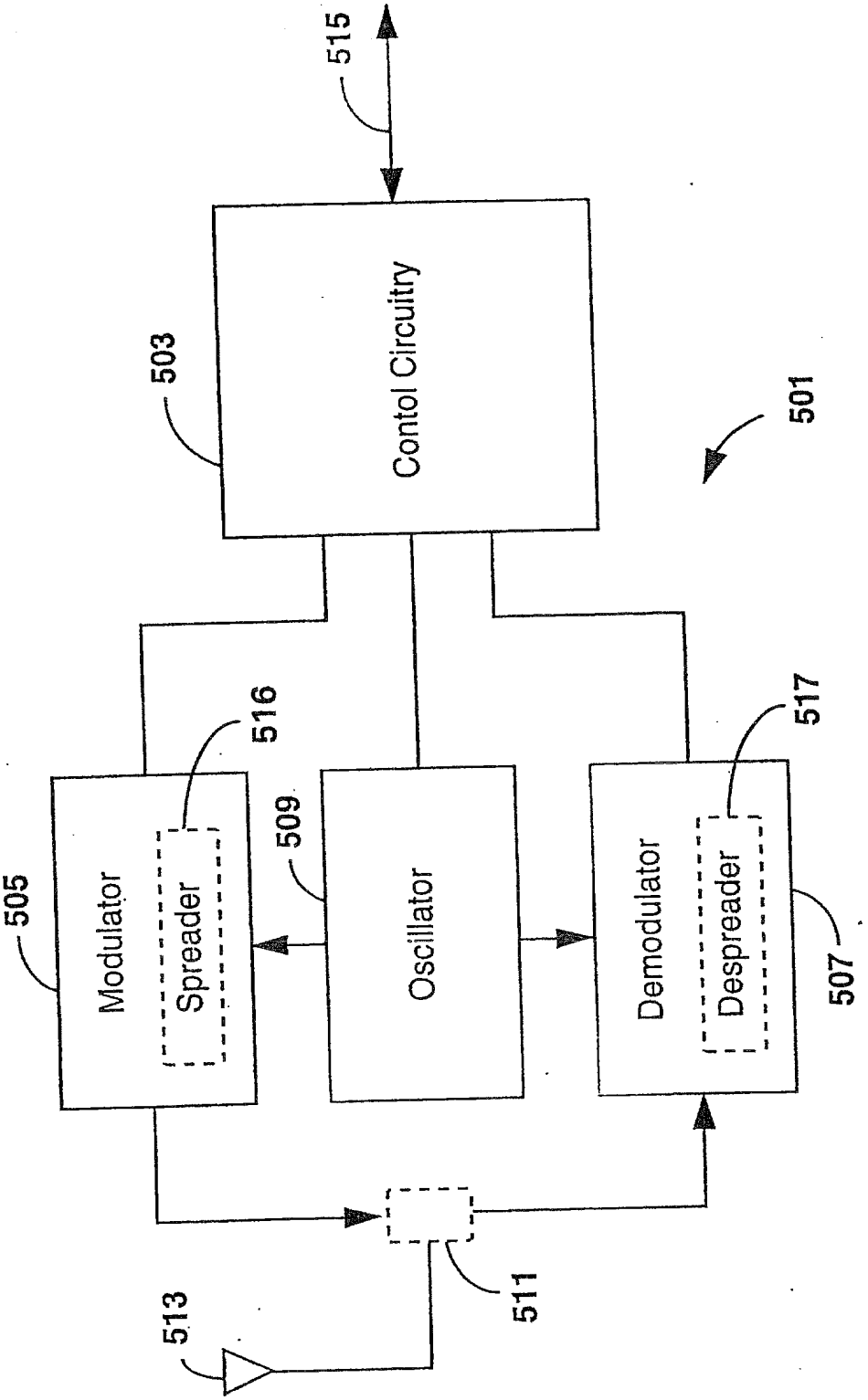
515
Contol Circuitry
503
501
516
517
505
Modulator
Spreader
509
Oscillator
Demodulator
Despreader
507
511
513

FIG. 1C

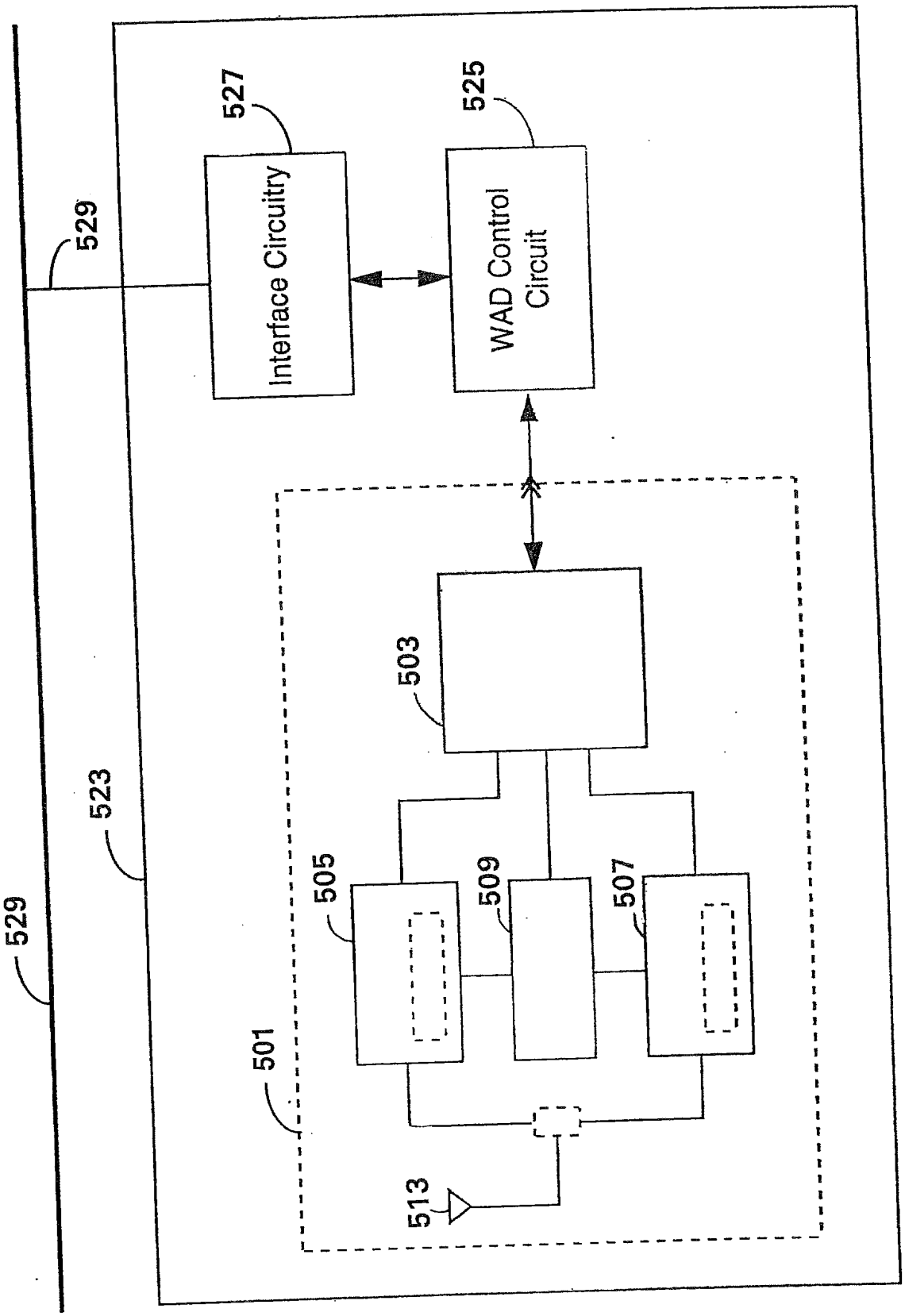
527
525
529
Interface Circuitry
WAD Control Circuit
503
523
505
509
507
529
501
513

FIG. 1D

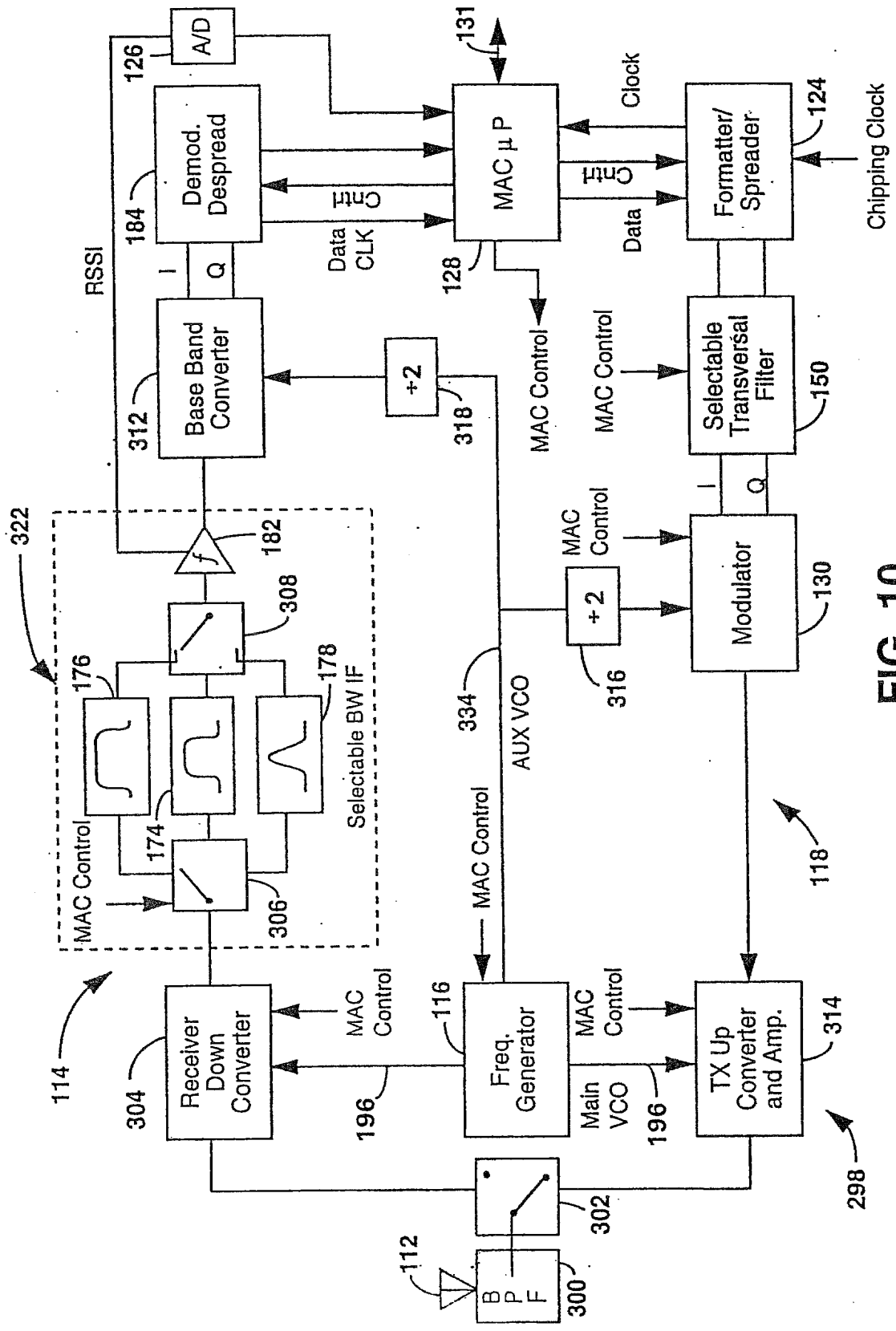
A/D
126
131
Demod. Despread
184
MAC µ P
Clock
Formatter/ Spreader
124
Chipping Clock
Cntl
Data
CLK
Data
RSSI
I
Q
128
Base Band Converter
312
+2
318
MAC Control
MAC Control
Selectable Transversal Filter
150
322
182
308
MAC Control
+ 2
316
Modulator
130
I
Q
176
178
Selectable BW IF
334
AUX VCO
174
MAC Control
306
MAC Control
118
114
Receiver Down Converter
304
MAC Control
196
116
Freq. Generator
MAC Control
Main VCO
196
TX Up Converter and Amp.
314
298
302
112
B P F
300

FIG. 10

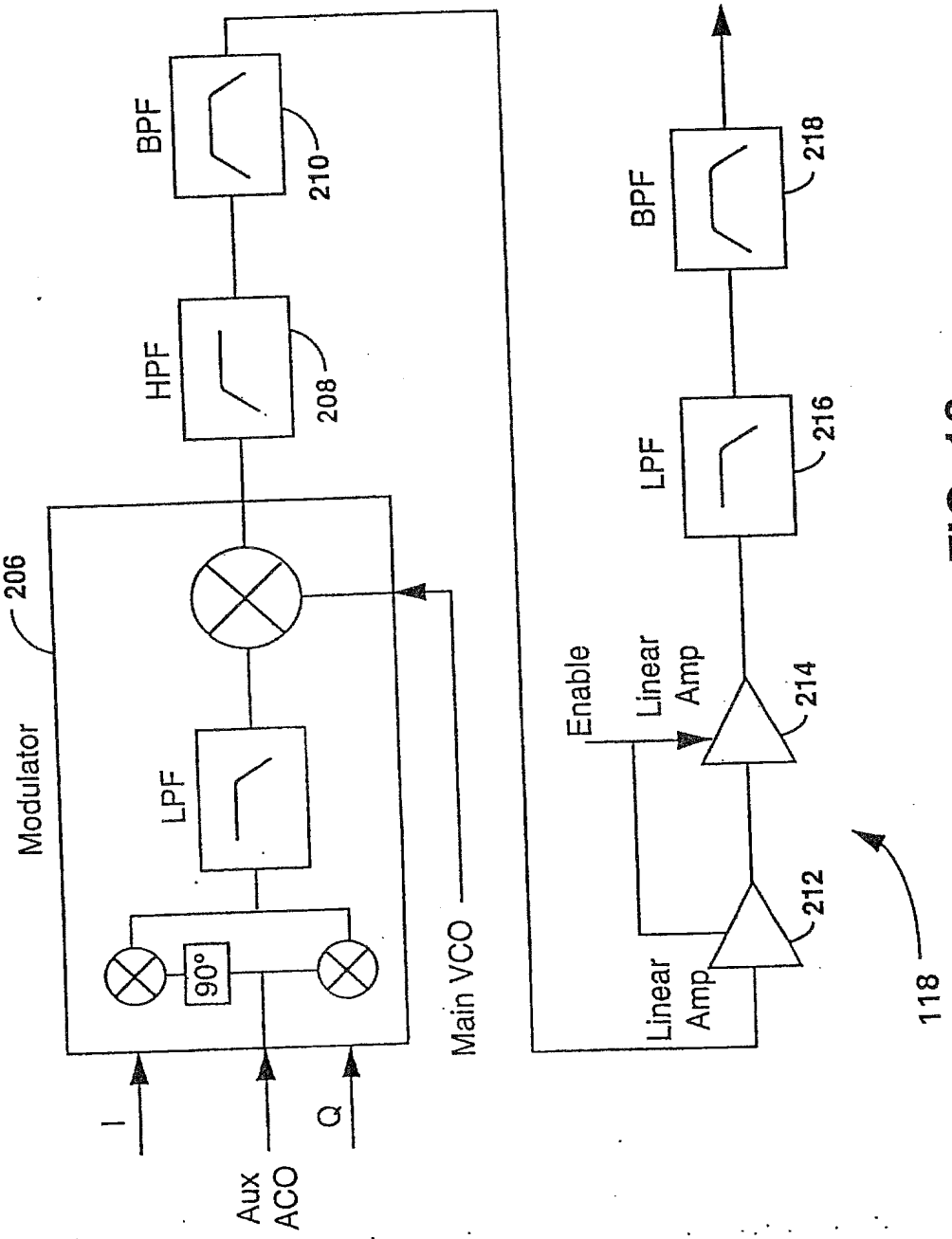
BPF
210
HPF
208
206
Modulator
LPF
90°
I
Aux ACO
Q
Main VCO
BPF
218
LPF
216
Enable
Linear Amp
214
212
Linear Amp
118

FIG. 16